



**NORTH ANKOLE DIOCESE
EDUCATION DEPARTMENT**
PRE-PRIMARY LEAVING EXAMINATION, 2024



MATHEMATICS

Time Allowed: 2 Hours 30 Minutes

Index No.:

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Candidate's Name: _____

School Name: _____

Archdeaconry: _____

Read the following instructions carefully.

1. This paper has two sections: **A** and **B**. Section **A** has **20** questions (**40 marks**) and section **B** has **12** questions. (**60 marks**)
2. All the working for both sections **A** and **B** must be shown in the spaces provided.
3. All working must be done using a blue or black ball point pen or ink. Any work done in pencil other than graphs and diagrams will not be marked
4. **No calculators** are allowed in the examination room
5. Unnecessary changes of work may lead to loss of marks.
6. Any handwriting that cannot be easily read may lead to **loss of marks**.
7. Do not fill anything in the boxes indicated: "**For Examiner's Use Only**" and those inside the question paper.

"FOR EXAMINER'S USE ONLY"		
Qn. No.	MARKS	EXR'S NO.
1 - 5		
6 - 10		
11 - 15		
16 - 20		
21 - 22		
23 - 24		
25 - 26		
27 - 28		
29 - 30		
31 - 32		
TOTAL		

SECTION A: (40MARKS)

1.	Work out: $364 - 121$	4	In the venn diagram below shade $(W \cap T)^c$
2.	Simplify: $7 - 4(3h + 8)$	5.	The temperature of a certain place was increased by 4°C to -12°C . What was the temperature initially?
3	Atim is 94 years old. Express her age in Roman numerals.	6.	Find the value of 8 in the number 58,374.

7.	<p>A bus from Jinja reached Kampala at 1:20pm. If it took 2 hours and 40 minutes to reach Kampala, at what time did it leave Jinja?</p>	10	<p>Tap K takes 3 minutes to fill the tank. Tap H takes 4 minutes to empty the same tank. How long would it take the same tank to be full if both taps are left open?</p>
8.	<p>Solve for y: $4 = 3y$ (finite 5)</p>	11.	<p>Find the next number in the sequence below.</p> <p>1, 2, 4, 8, 16, _____</p>
9	<p>Find the GCF of 12 and 15.</p>	12.	<p>Cards marked 1 to 9 are folded and put in a tin and then mixed up. What is the probability of picking a card at random that is marked with a prime number?</p>

13.	<p>Using a pair of compasses, ruler and pencil only, construct an angle of 30° in the space provided below.</p>	16. How many lines of folding symmetry does the given figure below have?
14.	<p>Set $K = \{3, 4, 5\}$. Find the number of proper subsets in set K?</p>	17. Ssebuliba and Mukhola shared mangoes in the ratio of 3:4 respectively. After Mukhola eating a third of his share, they both remained with 34 mangoes. Find Ssebuliba's share.
15.	<p>The following angles: $2m^\circ$, m°, and $3m^\circ$ lie on the straight line. Find the value of m in degrees.</p>	18. Mwebesa had banknotes numbered from BD324456 to BD324753. If each banknote was worth ten thousand shillings. How much money did Mwebesa have?



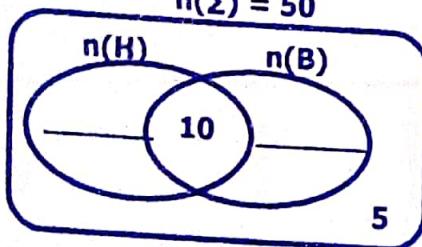
19. The mean of $2k - 1$, 5 , k and $4k - 2$ is
11. Find the value of k .

20. Given that USD 1 = Ugsh. 3770.
How much money in Uganda
shillings can one get from USD
300?

21. In a club of 50 members, k play Hockey (H), 30 play Baseball (B), 10 play both
games while 5 do not play any of the two games.

(a) Complete the venn diagram below using the information given above.

(02marks)



(b) How many members play Hockey only?

(03marks)

22

(a) Using a pair of compasses, a ruler and a pencil only, construct a triangle KLM in which angle $KLM=60^\circ$, angle $KML=45^\circ$ and side $KM=6.5\text{cm}$. (03marks)

23

(a) Workout: $\frac{0.09 + 0.04}{0.59 - 0.23}$

(03marks)

(b) Simplify: $\frac{1}{2} - \left(\frac{1}{4} + \frac{1}{3}\right) \times \frac{3}{4}$ (03marks)

24 (a) Find the additive inverse of -6. (02marks)

(b) A lady was born in 25BC and died in 15AD. At what age did she die? (02marks)

25. (a) Workout: $1 \div 3$ (finite ?) (02marks)

(b) Mubiru was to seat visitors, in seating them in nines, 7 seats remained. In seating them in eights, 4 seats remained and he chose to seat them in threes, 1 seat remained. How many visitors did he have? (03marks)

- 26 Given the number 42.537.
- (a) Write the place value of 3 in the given number above. (01mark)
- (b) Find the product of the value of 4 and place value of 7 in the given number above. (03marks)



27. Aidah, Bridget and Carol contributed certain amount of money in the ratio of 5:3:7 respectively. Given that both Aidah and Carol contributed sh. 360,000,
(a) Find their total contribution. (03marks)

(b) How much money did Carol contribute than Aidah? (02marks)

28. Shafiq went to the market and bought the following items.

- 2kg of meat at sh. 12,000 each kg
- $1\frac{1}{2}$ kg of rice at sh. 4,800 each kg
- 12 mangoes at sh. 3,000 for every 2 mangoes
- 500g of millet flour at sh. 2,000

(a) Calculate his total expenditure. (04marks)

(b) If he was given 10% discount, how much did he pay?

(01mark)

29. A motorist uses 6 litres of fuel to cover 48 kilometres.

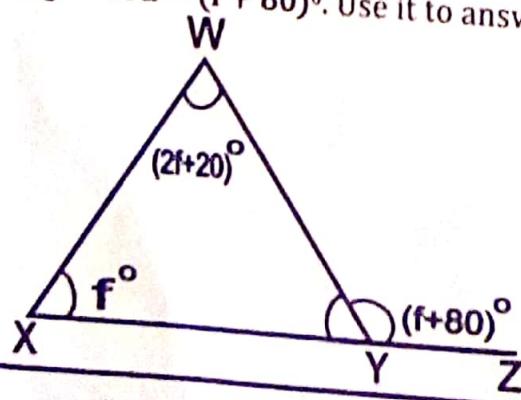
(a) What distance did he cover with 40 litres of fuel?

(02marks)

(b) Hamza covered a certain distance at 32km/h in 3 hours. How much money did he spend on fuel for the whole journey if each litre costs sh. 5,200?

(03marks)

30. In the figure below XYZ is a straight line. Angle $WXY = f$, angle $XWY = (2f + 20)^\circ$ and angle $WYZ = (f + 80)^\circ$. Use it to answer the questions that follow.



(a) Find the value of f in degrees?

(03marks)

(b) Workout the size of angle WYX .

(02marks)

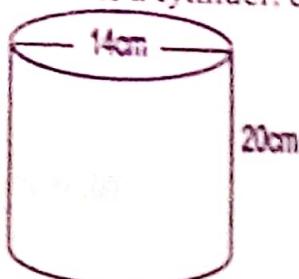
31. A businessman banked sh. 600,000 on his fixed account at an interest rate of 10% per annum for 6 months.

(a) How much interest did he earn after 6 months?

(03marks)

(b) Calculate the amount of money he got from his account after 6months?
(02marks)

32. Below is a cylinder. Use it to answer the questions that follow.



(a) Calculate its base area.

(02marks)

(b) Find the capacity of the cylinder.

(03marks)



-END-



NORTH ANKOLE DIOCESE



EDUCATION DEPARTMENT

PRE-PRIMARY LEAVING EXAMINATION 2024

SOCIAL STUDIES WITH RELIGIOUS EDUCATION

Time allowed: 2 Hours 15 Minutes

Index No.:

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Candidate's Name: _____

School Name: _____

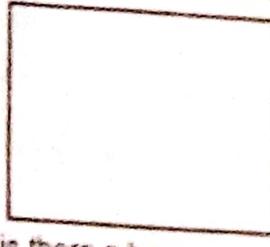
Archdeaconry: _____

Read the following instructions carefully

1. This paper has two sections: **A** and **B**. Section **A** has **40** questions Section **B** has **15** questions.
2. Answer **all** questions. **All** answers to both sections **A** and **B** must be written in the spaces provided
3. All answers must be written in **blue or black** ball point pen or ink, only **diagrams and graph** work may be done in pencil.
4. Unnecessary changes of work may lead to loss of marks.
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Qn. No.	MARKS	EXR'S SIGN
1 - 10		
11 - 20		
21 - 30		
31 - 40		
41 - 43		
44 - 46		
47 - 49		
50 - 52		
53 - 55		
TOTAL		

SECTION A: (40 marks)

1. Which map symbol is used to calculate actual ground distances?
2. Give one importance of a wind sock to a pilot.
3. Mention any one source of government revenue.
4. State one danger of living near a game park.
5. How did Dr. Albert Cook promote the health sector in Uganda?
6. Name any one feature found on a school signpost.
7. Compare Atlas Mountains with Mount Elgon in terms of their formation.
8. State one role of a school nurse in a school.
9. At what point should pedestrians cross a busy road?
10. How does one become a king of Buganda?
11. In the space below, draw any one product of clay.

12. Why is there a heavy population at the shores of Lake Victoria?
13. What evidence is there to show that Uganda was colonised by Britain?
14. Give any one traditional method of preserving fish.
15. Name the only landlocked country located in the Horn of Africa.
16. State one way of managing wastes in a school.
17. Who heads all civil servants in a ministry?

16. Write one advantage of creating many districts.
17. In which country of Africa was Apartheid policy applied?
18. Give one reason why NEMA protects swamps.
19. What was the main means of transport during Trans-Saharan Trade?
20. What evidence is there to show that Uganda lies in both the Southern hemisphere and Northern hemisphere?
21. Name the fastest type of transport.
22. What was the contribution of Booker Washington as a Pan Africanist?
23. Name the political party which led Uganda to her independence.
24. State one duty of courts of law in Uganda.
25. How was the tool below useful to early man?



26. Define the term vegetation.
27. Mention one month which experiences Equinox.
28. State one duty of the Village Health Team (VHT) in a community.
29. Which type of clouds bring rainfall?
30. How did rebellions affect the population of East Africa?
31. Mention any one symbol of a nation.
32. Which element of weather is suitable for drying harvested crops?
33. Write D.P.C in full.

For questions 36-40, answer Either Christianity Or Islamic question but not both alternatives.

36. Either: State one importance of baptism in Christianity.

Or: State one importance of circumcision in Islam.

37. Either: Mention one bad habit some Christian children show during prayer.

Or: Mention one bad habit some Muslim children show during prayer.

38. Either: In which way do Christians communicate to their God?

Or: In which way do Muslims communicate to their Allah?

39. Either: Why do Christians give offertory in church?

Or: Why do Muslims pay Zakat?

40. Either: Who was the earthly father of Jesus?

Or: Who was the father of Prophet Muhammad (P.B.U.H.)?

SECTION B:

41. (a) What are Primary industries?

- (b) Mention any two examples of primary industries.

(i)

(ii)

- (c) Give any one importance of industries to people.

42. (a) Name the largest island country of Africa.

- (b) State any two problems faced by island countries.

(i)

(ii)

- (c) Give one economic activity carried out in island countries.

43. (a) State one way man misuses each of the following resources.

(i) Land _____

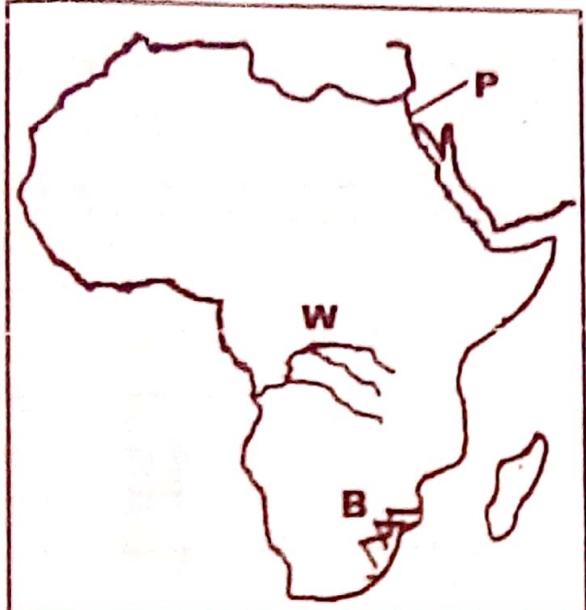
(ii) Forests _____

(b) Give any two ways of caring for wild animals.

(i) _____

(ii) _____

44. Study the map of Africa below and answer questions about it.



(a) Name the physical features labeled B and W

(i) B _____

(ii) W _____

(b) Why does the river marked W carry the largest volume of water to the sea?

(c) Give one economic importance of feature marked P to Egypt.

45. (a) Describe equatorial climate.

(b) Mention any two human activities which reduce rainfall.

(i) _____

(ii) _____

(c) Mention any one factor which influences climate.

46. (a) Name the tribal group which formed kingdoms in Uganda.

(b) Write down two kingdoms which were formed by the above mentioned tribal group in Uganda.

(i) _____

(ii) _____

(c) Give one reason why some tribes didn't form kingdoms.

47. (a) What is subsistence farming?

(b) Give two reasons why most Ugandan farmers practice subsistence farming.

(i) _____

(ii) _____

(c) Why does the government of Uganda discourage subsistence farming?

48. (a) Which religion did missionaries introduce in Africa?

(b) Mention any two positive effects of missionaries in Africa.

(i) _____

(ii) _____

(c) State one problem which missionaries faced in Africa.

49. (a) Name any two examples of tourist attractions in Uganda.

(i) _____

(ii) _____

(b) Give any two benefits of the tourism industry to the government of Uganda.

(i) _____

(ii) _____

50. Match mines with their respective minerals.

Mine

Mineral

(a) Lake Katwe

Limestone

(b) Kilembe

Soda ash

(c) Lake Magadi

Salt

(d) Osukuru hills

Copper

(a) Lake Katwe _____

(b) Kilembe _____

(c) Lake Magadi _____

(d) Osukuru hills _____

For questions 51 to 55, answer Either Christianity or Islam but Not both in a number.

61. Either: "Whoever refuses to work is not allowed to eat" (**2 Thessalonians:10**)
(a) Mention any two reasons why Christians work.

(i) _____

(ii) _____

(c) Give any two problems Christians meet at work.

(i) _____

(ii) _____

Or: "Gasp five things before five others, your leisure before your work"

(Sunan Tirmidhi 11:51:74).

- (a) Mention any two reasons why Muslims work.

(i) _____

(ii) _____

(b) Give any two problems Muslims face at their work.

(i) _____

(ii) _____

52. Either: (a) Name any two things a Christian do during the holy week.

(i) _____

(ii) _____

- (b) Mention any two holy days Christians celebrate during the holy week.

(i) _____

(ii) _____

Or (a) Give any two things Muslims should do during the holy month of Ramadhan.

(i) _____

(ii) _____

- (b) Mention any two groups of Muslims excused from fasting.

(i) _____

(ii) _____

53. Either: (a) Mention any two qualities of a good friend.

- (i) _____
(ii) _____

(b) State any two ways Jesus acted as a good friend.

- (i) _____
(ii) _____

Or (a) Mention any two qualities of a good friend.

- (i) _____
(ii) _____

(b) Mention any two ways Prophet Muhammad acted as a good friend.

- (i) _____
(ii) _____

54. Either: (a) What was the origin of death?

(b) Give any one reason why Christians fear death.

(c) State a reason why righteous Christians shouldn't fear death.

(c) What evidence is there to show that Jesus overcame death?

Or: (a) What was the origin of death?

(b) Give two reasons why Muslims fear death.

- (i) _____
(ii) _____

(c) State one reason why righteous Muslims shouldn't fear death.

55. **FOR BOTH:** (a) Mention any one type of suffering

(b) Mention any two causes of suffering

- (i) _____
(ii) _____

(c) What should a Christian / Muslim do during the times of suffering?

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